

CLAIMS

1. A method for communicating to an agent how the agent is performing, the method comprising the step of permitting a computer system to communicate to the agent 5 performance data that indicates how the agent is performing.

2. The method of Claim 1, wherein the step of permitting is performed by a supervisor of the agent.

3. The method of Claim 1, wherein the performance data is at least one of retrieved from a database and 10 calculated by the computer system.

4. The method of Claim 1, wherein the step of permitting further comprises permitting a computer system to communicate via a network to the agent performance data that indicates how the agent is performing.

15 5. The method of Claim 1, wherein the step of permitting further comprises permitting a computer system to communicate via a network to the agent performance data which indicates how the agent is performing, the network comprising at least one of an Intranet, the Internet, a wide 20 area network (WAN), a local area network (LAN), a wireline network, and a wireless network.

25 6. The method of Claim 1, wherein the step of permitting further comprises at least one of selecting which performance data an agent may access, selecting to allow agents to enter preferences, selecting the default number of past days to allow agents access, selecting the maximum

number of past days to allow agents access, selecting to allow agents to print the performance data of the agent, and selecting at least one presentation characteristic of the performance data, the presentation characteristics comprising at least one of an over threshold limit, an over threshold indication, an under threshold limit, an under threshold indication, a comparison method, and a time format.

7. The method of Claim 1, wherein the performance data comprises at least one or more of in contacts, talk time, work time, total time, available time, aux time, average handling time, average work time, average talk time, out calls, out time, system time, schedule adherence, state adherence, agent conformance, agent sales, agent revenue, agent attendance, entitlement adherence, and quality score.

8. The method of Claim 1, wherein the performance data comprises performance statistics of the agent and of at least one peer group.

9. The method of Claim 1, wherein the performance data comprises performance statistics of the agent and of at least one peer group, the peer group comprising at least one of another agent, an agent data group, and a management unit.

10. The method of Claim 1 further comprising the step of communicating a comparison between the performance of the agent and the performance of a peer group.

11. The method of Claim 1 further comprising the step of communicating a comparison between the performance of the

agent and the performance of a peer group, the peer group comprising another agent, an agent data group, and a management unit.

12. The method of Claim 1 further comprising the step
5 of communicating a comparison between the performance of the agent and the performance of a peer group, the comparison being communicated as at least one of the difference, the percent difference, and no difference.

13. The method of Claim 1, wherein the step of
10 permitting further comprises selecting at least one presentation characteristic of the performance data, the at least one presentation characteristic having at least an over threshold indicator including at least one of colors, fonts, italicizing, reverse printing, bolding, underlining,
15 background patterns, shading, cross-hatching, diagonal lines, horizontal lines, vertical lines, pop-up windows, and sounds.

14. The method of Claim 1, wherein the step of
20 permitting further comprises selecting at least one presentation characteristic of the performance data, the at least one presentation characteristic having at least an under threshold indicator including at least one of colors, fonts, italicizing, reverse printing, bolding, underlining, background patterns, shading, cross-hatching, diagonal
25 lines, horizontal lines, vertical lines, pop-up windows, and sounds.

15. The method of Claim 1, wherein the step of permitting further comprises selecting at least one presentation characteristic of the performance data, the at

least one presentation characteristic having at least an over threshold limit including at least one of a percent difference or an absolute difference.

16. The method of Claim 1, wherein the step of
5 permitting further comprises selecting at least one presentation characteristic of the performance data, the at least one presentation characteristic having at least an under threshold limit including at least one of a percent difference or an absolute difference.

10 17. The method of Claim 1, further comprising the step of collecting and updating the performance data periodically.

15 18. The method of Claim 1, wherein the agent is performing in at least one of a call center, a contact center, a sales force center, a field service center, and a factory.

20 19. The method of Claim 1, further comprising the step of allowing the agent to enter preferences of the agent, the preferences comprising at least one of selecting the performance data, selecting the time format, selecting the comparison method, selecting the number of past days to show data.

25 20. The method of Claim 1, further comprising the step of allowing the agent to enter preferences of the agent, the preferences comprising at least one of selecting the performance data, selecting the time format, selecting the comparison method, and selecting the number of past days to

show data, wherein the comparison method comprises at least one of no difference, difference, and percent difference.

21. The method of Claim 1, further comprising the step of allowing the agent to select the form of the communication, the form comprising at least one of a textual display, a graphical display, a bar chart, a line chart, audio, and multimedia.

22. The method of Claim 1, further comprising the step of allowing the supervisor to select the form of the communication, the form comprising at least one of a textual display, a graphical display, a bar chart, a line chart, audio, and multimedia.

23. A computer program product for communicating to an agent how the agent is performing, the computer program product having a medium with a computer program embodied thereon, the computer program comprising computer program code for permitting a computer to communicate to the agent performance data that indicates how the agent is performing.

24. The computer program product of Claim 23, wherein the computer program code for permitting is performed in response to input received from a supervisor of the agent.

25. The computer program product of Claim 23, wherein the computer program code for permitting comprises computer program code for at least one of retrieving agent performance data from a database and calculating agent performance data.

26. The computer program product of Claim 23, wherein
the computer program code for permitting further comprises
computer program code for permitting a computer system to
communicate via a network to the agent performance data that
5 indicates how the agent is performing.

27. The computer program product of Claim 23, wherein
the computer program code for permitting further comprises
computer program code for permitting a computer system to
communicate via a network to the agent performance data
10 which indicates how the agent is performing, the network
comprising at least one of an Intranet, the Internet, a wide
area network (WAN), a local area network (LAN), a wireline
network, and a wireless network.

28. The computer program product of Claim 23, wherein
15 the computer program code for permitting further comprises
computer program code for at least one of selecting which
performance data an agent may access, selecting to allow
agents to enter preferences, selecting the default number of
past days to allow agents access, selecting the maximum
20 number of past days to allow agents access, selecting to
allow agents to print the performance data of the agent, and
selecting at least one presentation characteristic of the
performance data, the presentation characteristics
comprising at least one of an over threshold limit, an over
25 threshold indication, an under threshold limit, an under
threshold indication, a comparison method, and a time
format.

29. The computer program product of Claim 23, wherein
the performance data comprises at least one or more of in
30 contacts, talk time, work time, total time, available time,

aux time, average handling time, average work time, average talk time, out calls, out time, system time, schedule adherence, state adherence, agent conformance, agent sales, agent revenue, agent attendance, entitlement adherence, and
5 quality score.

30. The computer program product of Claim 23, wherein the performance data comprises performance statistics of the agent and of at least one peer group.

31. The computer program product of Claim 23, wherein
10 the performance data comprises performance statistics of the agent and of at least one peer group, the peer group comprising at least one of another agent, an agent data group, and a management unit.

32. The computer program product of Claim 23, wherein
15 the computer program product further comprises computer code for communicating a comparison between the performance of the agent and the performance of a peer group.

33. The computer program product of Claim 23, wherein
the computer program product further comprises computer code
20 for communicating a comparison between the performance of the agent and the performance of a peer group, the peer group comprising another agent, an agent data group, and a management unit.

34. The computer program product of Claim 23, wherein
25 the computer program product further comprises computer code for communicating a comparison between the performance of the agent and the performance of a peer group, the

comparison being communicated as at least one of the difference, the percent difference, and no difference.

35. The computer program product of Claim 23, wherein the computer program code for permitting further comprises
5 computer program code for selecting at least one presentation characteristic of the performance data, the at least one presentation characteristic having at least an over threshold indicator including at least one of colors, fonts, italicizing, reverse printing, bolding, underlining,
10 background patterns, shading, cross-hatching, diagonal lines, horizontal lines, vertical lines, pop-up windows, and sounds.

36. The computer program product of Claim 23, wherein the computer program code for permitting further comprises
15 computer program code for selecting at least one presentation characteristic of the performance data, the at least one presentation characteristic having at least an under threshold indicator including at least one of colors, fonts, italicizing, reverse printing, bolding, underlining,
20 background patterns, shading, cross-hatching, diagonal lines, horizontal lines, vertical lines, pop-up windows, and sounds.

37. The computer program product of Claim 23, wherein the computer program code for permitting further comprises
25 computer program code for selecting at least one presentation characteristic of the performance data, the at least one presentation characteristic having at least an over threshold limit including at least one of a percent difference or an absolute difference.

38. The computer program product of Claim 23, wherein
the computer program code for permitting further comprises
computer program code for selecting at least one
presentation characteristic of the performance data, the at
5 least one presentation characteristic having at least an
under threshold limit including at least one of a percent
difference or an absolute difference.

39. The computer program product of Claim 23, wherein
the computer program code for permitting further comprises
10 computer program code for collecting and updating the
performance data periodically.

40. The computer program product of Claim 23, wherein
the agent is an agent in at least one of a call center, a
contact center, a sales force center, a field service
15 center, and a factory.

41. The computer program product of Claim 23, wherein
the computer program code for permitting further comprises
computer program code for selecting the form of the
communication, the form comprising at least one of a textual
20 display, a graphical display, a bar chart, a line chart,
audio, and multimedia.

42. A method for presenting one or more performance
statistics to one or more agents, the method comprising the
steps of:

25 collecting periodically the one or more performance
statistics for the agent and one or more peer
groups;
calculating the percentage difference between each of
the one or more performance statistics of the peer

group and a respective performance statistic of the agent;

determining whether the percentage difference between each of the one or more performance statistics of the peer group and the respective performance statistic of the agent exceeds an over threshold;

presenting the respective performance statistic of the peer group in a first state in response to a determination that the percentage difference between the respective performance statistic of the peer group and the performance statistic of the agent exceeds the over threshold;

determining whether the percentage difference between each of the one or more performance statistics of the peer group and the respective performance statistic of the agent is less than an under threshold; and

presenting the respective performance statistic of the peer group in a second state in response to a determination that the percentage difference between the respective performance statistic of the peer group and the performance statistic of the agent is less than the under threshold.

43. The method of Claim 42, wherein the first state

comprises at least one of colors, fonts, italicizing, reverse printing bolding, underlining, background patterns, shading, cross-hatching, diagonal lines, horizontal lines, vertical lines, pop-up windows, and sounds.

44. The method of Claim 42, wherein the second state

comprises at least one of colors, fonts, italicizing,

reverse printing bolding, underlining, background patterns, shading, cross-hatching, diagonal lines, horizontal lines, vertical lines, pop-up windows, and sounds.

45. The method of Claim 42, further comprising the
5 step of allowing a user to select the format of the presentation, the format comprising at least one of a textual display, a graphical display, a bar chart, a line chart, audio, and multimedia.

46. A computer program product for enabling a
10 supervisor to configure the presentation of performance data to one or more agents, the computer program product having a medium with a computer program embodied thereon, the computer program comprising computer program code for enabling a supervisor to configure a computer to communicate to one or more agents performance data that indicates how
15 the one or more agents are performing.

47. The computer program product of Claim 46, wherein the computer program code for enabling further comprises computer program code for configuring one or more of performance data, time format, comparison method, number of past days to show data, maximum number of past days allowed, ability of agents to print the performance data, and ability of agents to configure the presentation of the performance data.

25 48. The computer program product of Claim 46, further comprising computer program code for configuring a comparison method for comparing the performance of the agent to the performance of one or more peer groups, the

comparison method comprising one or more of no difference, difference, and percent difference.

49. The computer program product of Claim 46, wherein the computer program code for enabling further comprises 5 computer program code for selecting the form of the presentation, the form comprising at least one of a textual display, a graphical display, a bar chart, a line chart, audio, and multimedia.

50. A computer program product for enabling one or 10 more agents to configure the presentation of performance data to the one or more agents, the computer program product having a medium with a computer program embodied thereon, the computer program comprising computer program code for enabling the one or more agents to configure a computer to 15 receive performance data that indicates how the one or more agents are performing.

51. The computer program product of Claim 50, further comprising computer program code for configuring one or more 20 of performance data, time format, comparison method, and number of past days to show data.

52. The computer program product of Claim 50, further comprising computer program code for configuring a comparison method for comparing the performance of the agent to the performance of one or more peer groups, the 25 comparison method comprising one or more of no difference, difference, and percent difference.

53. The computer program product of Claim 50, wherein the computer program code for enabling further comprises

computer program code for selecting the form of the presentation, the form comprising at least one of a textual display, a graphical display, a bar chart, a line chart, and audio.

5 54. A computer program product for providing one or more performance statistics to an agent, the computer program product having a medium with a computer program embodied thereon, the computer program comprising:

10 computer program code for enabling a supervisor to configure access by the agent to the one or more performance statistics;

15 computer program code for enabling the agent to configure the presentation of the one or more performance statistics; and

20 computer program code for presenting the one or more performance statistics to the agent.

55. A method for providing one or more performance statistics to an agent, the method comprising the step of:

25 configuring by a user access by the agent to the one or more performance statistics, wherein the step of configuring by the user comprises the substeps of:

 selecting a group of one or more agents for which the configuration by the user is to apply; and

30 selecting by the user a group of one or more of the one or more performance statistics to which the agent is to have access.

56. The method of Claim 55, wherein the step of configuring by the user further comprises the step of

selecting a default time format to display time values to the agent.

57. The method of Claim 55, wherein the step of configuring by the user further comprises the step of
5 selecting a default comparison method to compare the one or more performance statistics of the agent to the respective performance statistic of one or more peer groups.

58. The method of Claim 55, wherein the step of configuring by the user further comprises the step of
10 selecting a default number of past days to present the performance statistics to the agent.

59. The method of Claim 55, wherein the step of configuring by the user further comprises the step of selecting whether to allow the agent to modify configuration
15 by the user.

60. The method of Claim 55, wherein the step of configuring by the user further comprises the step of selecting a maximum number of past days to allow agents access.

20 61. The method of Claim 55, wherein the method further comprises the step of:

configuring by the agent the presentation of the one or more performance statistics, wherein the step of configuring by the agent comprises the substep of:

25 selecting by the agent one or more performance statistics of the group of performance statistics to which the agent has access.

62. The method of Claim 55, wherein the method further comprises the step of:

configuring by the agent the presentation of the one or more performance statistics, wherein the step of
5 configuring by the agent comprises the substeps of:

selecting by the agent one or more performance statistics of the group of performance statistics to which the agent has access; and

10 selecting a default time format to display time values to the agent.

63. The method of Claim 55, wherein the method further comprises the step of:

.5 configuring by the agent the presentation of the one or more performance statistics, wherein the step of
configuring by the agent comprises the substeps of:

20 selecting by the agent one or more performance statistics of the group of performance statistics to which the agent has access; and

selecting a default comparison method to compare the agent to a peer group.

25 64. The method of Claim 55, wherein the method further comprises the step of:

configuring by the agent the presentation of the one or more performance statistics, wherein the step of
30 configuring by the agent comprises the substeps of:

selecting by the agent one or more performance statistics of the group of performance statistics to which the agent has access; and

5 selecting a default number of past days to present the performance statistics to the agent.

65. The method of Claim 55, wherein the method further comprises the steps of:

10 collecting periodically the one or more performance statistics; and presenting the one or more performance statistics to the agent.

66. A system for communicating to an agent how the 15 agent is performing, the system comprising:

a computer;
one or more contact servers coupled to the computer for providing performance data to the computer;
one or more agent workstations coupled to the computer via a network for providing the agent with an interface to the computer;
one or more supervisor workstations coupled to the computer via the network for providing a supervisor with an interface to the computer;
20 wherein the computer is configured to allow the supervisor to configure the access and presentation of the performance data to the agent;
wherein the computer is configured to allow the agent to configure the presentation of the performance 25 data to the agent;

wherein the performance data comprises performance data of a plurality of the agent, a management unit, an agent data group, and a peer group.

67. The system of Claim 66, wherein the performance data comprises at least one or more of in contacts, talk time, work time, total time, available time, aux time, average handling time, average work time, average talk time, out calls, out time, system time, schedule adherence, state adherence, agent conformance, agent sales, agent revenue, agent attendance, entitlement adherence, and quality score.